**Problem of the Week #1 Q4**

Due 3/23/12 by 3:15 PM

Turn in your solution to the Math Office or email it to 13mmistele@ransomeverglades.org.

There are three large boxes. You are told that one holds kittens, one holds puppies, and another holds both kittens and puppies. Each of the boxes has a sign on the side saying which type of cute, little pet is supposed to be in the box (i.e. “puppies”, “kittens”, “puppies and kittens”). Trouble is: the signs have been switched around, and now all three boxes are labeled incorrectly!

You may ask me to pick up and show you *one* baby animal from any *one* box of your choosing (you can see the sign on the box).

**With that one clue, how can you label the boxes correctly?**